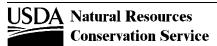
Table J1b. - Physical Properties of the Soils

Greensville County, Virginia

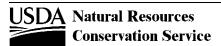
Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Man Cumbal					Moist	Dormoobility	Available	Linear	Organia	Eros	sion Fa	ctors	Wind	Wind
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	Permeability (Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	Erodi- bility Group	Erodi bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct		•	•	•	
B:														
Abell	0-9			10-27	1.25-1.45	0.6-6	0.12-0.20	0.0-2.9	0.5-2.0	.32	.32	3	5	56
	9-14			18-35	1.35-1.55	0.6-2	0.13-0.19	0.0-2.9	0.0-0.5	.28	.28			
	14-40			30-45	1.35-1.55	0.6-2	0.11-0.17	3.0-5.9	0.0-0.5	.28	.28			
	40-65			10-27	1.45-1.60	0.6-6	0.08-0.18	0.0-2.9	0.0-0.5	.28	.28			
Roanoke														
Fluvanna														
Goldston														
A:														
Altavista	0-10			10-24	1.30-1.50	2-6	0.12-0.20	0.0-2.9	0.5-3.0	.24	.24	5	3	86
	10-50			18-35	1.30-1.50	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.24	.24			
	50-68			0-60	1.25-1.60	0.2-14	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Roanoke														
State														
sA:														
Altavista	0-10			10-24	1.30-1.50	2-6	0.12-0.20	0.0-2.9	0.5-3.0	.24	.24	5	3	86
	10-50			18-35	1.30-1.50	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.24	.24	-	-	
	50-68			0-60	1.25-1.60	0.2-14	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Roanoke														
Tarboro														

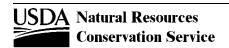
Map Symbol					Moist	Permeability	Available	Linear	Organia	Eros	sion Fac	ctors	Wind Erodi-	Wind Erod
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	bility Group	bility Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•	-		•	-
BA:														
Wickham														
4B3:														
Appling	0-4			20-35	1.30-1.45	0.6-2	0.12-0.15	0.0-2.9	0.5-1.0	.28	.28	3	5	56
	4-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	30-42			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	42-64			0-40	1.30-1.60	0.6-14	0.04-0.16	0.0-2.9	0.0-0.5	.05	.24			
Louisburg														
Mattaponi														
Rock Outcrop														
4C3:														
Appling	0-4			20-35	1.30-1.45	0.6-2	0.12-0.15	0.0-2.9	0.5-1.0	.28	.28	3	5	56
77 3	4-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	30-42			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	42-64			0-40	1.30-1.60	0.6-14	0.04-0.16	0.0-2.9	0.0-0.5	.05	.24			
Louisburg														
Mattaponi														
Rock Outcrop														
5B:														
Appling	0-12			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
11 5	12-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28		-	
	30-43			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	43-63			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			



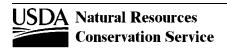
Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erod
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct				•	
5B:														
Louisburg														
Mattaponi														
Rock Outcrop														
6B:														
Appling	0-12			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
•	12-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	30-43			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	43-63			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Louisburg	0-11			5-15	1.35-1.55	6-20	0.07-0.10	0.0-2.9	0.5-2.0	.24	.24	3	3	86
-	11-24			7-18	1.40-1.60	6-20	0.08-0.12	0.0-2.9	0.0-0.5	.24	.24			
	24-60			0-40	1.30-1.60	0.6-20	0.04-0.16	0.0-2.9	0.0-0.5	.05	.24			
Helena														
Mattaponi														
Rock outcrop														
6C:														
Appling	0-12			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
11 3	12-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28	•	-	
	30-43			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	43-63			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Louisburg	0-11			5-15	1.35-1.55	6-20	0.07-0.10	0.0-2.9	0.5-2.0	.24	.24	3	3	86
· ·	11-24			7-18	1.40-1.60	6-20	0.08-0.12	0.0-2.9	0.0-0.5	.24	.24			
	24-60			0-40	1.30-1.60	0.6-20	0.04-0.16	0.0-2.9	0.0-0.5	.05	.24			



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct				•	•
6C:														
Helena														
Mattaponi														
7B:														
Appling	0-12			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
· · · · · ·	12-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	30-43			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	43-63			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Mattaponi	0-15			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
·	15-60			33-60	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	60-69			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Abell														
Louisburg														
7C:														
Appling	0-12			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
0	12-30			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	30-43			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	43-63			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Mattaponi	0-15			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
•	15-60			33-60	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	60-69			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Abell														
Louisburg														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
A:														
Bojac	0-8			3-8	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.17	.17	3	2	134
	8-47			11-16	1.35-1.55	2-6	0.08-0.16	0.0-2.9	0.0-0.5	.17	.20			
	47-85			1-6	1.30-1.80	6-20	0.02-0.05	0.0-2.9	0.0-0.5	.17	.28			
Roanoke														
Tarboro														
Wickham														
A:														
Chenneby	0-3			12-27	1.30-1.60	0.6-2	0.14-0.20	0.0-2.9	0.5-3.0	.37	.37	5	5	56
,	3-47			12-35	1.30-1.50	0.6-2	0.15-0.20	0.0-2.9	0.0-1.0	.32	.32			
	47-62			8-30	1.30-1.50	2-6	0.05-0.10	0.0-2.9	0.0-0.5	.24	.24			
Roanoke														
Riverview														
Tarboro														
0B3:														
Craven	0-4			27-40	1.30-1.45	0.06-0.2	0.12-0.15	3.0-5.9	0.5-2.0	.37	.37	5	6	48
	4-42			35-60	1.30-1.45	0.06-0.2	0.12-0.15	3.0-5.9	0.0-0.5	.32	.32			
	42-60			5-35	1.35-1.60	0.2-6	0.08-0.14	0.0-2.9	0.0-0.5	.32	.32			
Roanoke														
Appling														
Uchee														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					•
10B3:														
10C3:														
Craven	0-4			27-40	1.30-1.45	0.06-0.2	0.12-0.15	3.0-5.9	0.5-2.0	.37	.37	5	6	48
	4-42			35-60	1.30-1.45	0.06-0.2	0.12-0.15	3.0-5.9	0.0-0.5	.32	.32			
	42-60			5-35	1.35-1.60	0.2-6	0.08-0.14	0.0-2.9	0.0-0.5	.32	.32			
Roanoke														
Appling														
Uchee														
11A:														
Dothan	0-17			5-15	1.30-1.60	2-6	0.06-0.10	0.0-2.9	0.0-0.5	.15	.15	5	2	134
	17-44			18-35	1.40-1.60	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	44-78			18-40	1.45-1.70	0.2-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.28			
Craven														
Mattaponi														
Orangeburg														
12B:														
Emporia	0-15			5-10	1.30-1.40	6-20	0.05-0.10	0.0-2.9	0.5-2.0	.28	.28	4	2	134
•	15-32			18-35	1.35-1.45	0.2-2	0.10-0.18	0.0-2.9	0.0-0.5	.28	.28			
	32-57			21-40	1.45-1.60	0.001-0.6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.20			
	57-70			5-40	1.45-1.60	0.001-2	0.08-0.18	0.0-2.9	0.0-0.5	.20	.20			
Craven														

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
2B:														
Uchee														
3A:														
Faceville	0-11			2-10	1.45-1.65	6-20	0.06-0.09	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	11-44			20-50	1.35-1.60	0.6-2	0.12-0.15	0.0-2.9	0.0-0.5	.37	.37			
	44-68			35-55	1.25-1.60	0.6-2	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
Dothan														
Uchee														
4B:														
Fluvanna	0-5			5-27	1.25-1.55	2-6	0.10-0.15	0.0-2.9	1.0-3.0	.37	.37	4	3	86
	5-55			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28			
	55-99			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			
Goldston														
Iredell														
Mattaponi														
Rock Outcrop														
5B3:														
Fluvanna	0-11			27-40	1.30-1.55	0.6-2	0.16-0.19	3.0-5.9	0.5-2.0	.37	.37	3	6	48
	11-46			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28			
	46-60			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			
Goldston														

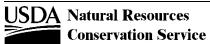
Greensville County, Virginia

Man Cumhal					Moist	Damaaahilitu	Available	Linear	0	Eros	sion Fa	ctors	Wind	Wind
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	Permeability (Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	Erodi- bility Group	Erodi- bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct				•	•
15B3:														
Iredell														
Mattaponi														
15C3:														
Fluvanna	0-11			27-40	1.30-1.55	0.6-2	0.16-0.19	3.0-5.9	0.5-2.0	.37	.37	3	6	48
	11-46			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28			
	46-60			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			
Goldston														
Iredell														
Mattaponi														
16B3:														
Fluvanna	0-11			27-40	1.30-1.55	0.6-2	0.16-0.19	3.0-5.9	0.5-2.0	.37	.37	3	6	48
	11-46			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28			
	46-60			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			
Goldston	0-6			5-27	1.40-1.60	2-6	0.10-0.16	0.0-2.9	0.5-2.0	.15	.32	1	8	0
	6-19			5-27	1.40-1.60	2-6	0.06-0.12	0.0-2.9	0.0-0.5	.05	.32			
	19-26					0.0000-0.006								
	26-30					0.0000-0.006								
Iredell														
Mattaponi														

16C3:



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct				•	•
16C3:														
Fluvanna	0-11			27-40	1.30-1.55	0.6-2	0.16-0.19	3.0-5.9	0.5-2.0	.37	.37	3	6	48
	11-46			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28			
	46-60			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			
Goldston	0-6			5-27	1.40-1.60	2-6	0.10-0.16	0.0-2.9	0.5-2.0	.15	.32	1	8	0
	6-19			5-27	1.40-1.60	2-6	0.06-0.12	0.0-2.9	0.0-0.5	.05	.32			
	19-26					0.0000-0.006								
	26-30					0.0000-0.006								
Iredell														
Mattaponi														
17B:														
Fluvanna	0-5			5-27	1.25-1.55	2-6	0.10-0.15	0.0-2.9	1.0-3.0	.37	.37	4	3	86
	5-55			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28			
	55-99			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			
Mattaponi	0-15			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
•	15-60			33-60	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	60-69			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Goldston														
Iredell														
Rock Outcrop														
17C:														
Fluvanna	0-5			5-27	1.25-1.55	2-6	0.10-0.15	0.0-2.9	1.0-3.0	.37	.37	4	3	86
	5-55			35-65	1.30-1.60	0.001-0.6	0.10-0.17	3.0-5.9	0.0-0.5	.28	.28	•	-	
	55-99			20-40	1.30-1.60	0.001-0.6	0.05-0.09	3.0-5.9	0.0-0.5	.28	.32			



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•	•			
17C:														
Mattaponi	0-15			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
•	15-60			33-60	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	60-69			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Goldston														
Iredell														
18B:														
Georgeville	0-8			5-27	1.20-1.40	0.6-2	0.15-0.20	0.0-2.9	0.5-2.0	.43	.43	4	5	56
•	8-12			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.32	.32			
	12-45			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	45-60			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
Goldston														
Iredell														
19B3:														
Georgeville	0-12			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.49	.49	4	6	48
3	12-45			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	45-60			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
Goldston														
Iredell														
19C3:														
Georgeville	0-12			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.49	.49	4	6	48
. J -	12-45			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28	•	-	
	45-60			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			



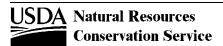
Greensville County, Virginia

Map Symbol					Moist	Permeability	Available	Linear	Organia	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
19C3:														
Goldston														
Iredell														
20B:														
Helena	0-6			5-20	1.58-1.62	2-6	0.08-0.10	0.0-2.9	0.5-2.0	.15	.24	3	3	86
	6-30			35-60	1.44-1.55	0.06-0.2	0.13-0.15	6.0-8.9	0.0-0.5	.28	.28			
	30-60			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Roanoke														
Appling														
Louisburg														
21B:														
Iredell	0-7			15-35	1.20-1.40	0.6-2	0.14-0.17	0.0-2.9	0.5-2.0	.32	.32	3	6	48
	7-26			40-60	1.20-1.45	0.06-0.2	0.16-0.22	9.0-25.0	0.0-0.5	.20	.20			
	26-31			15-35	1.30-1.60	0.06-0.2	0.14-0.18	6.0-8.9	0.0-0.5	.28	.28			
	31-60			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Roanoke														
Fluvanna														
Goldston														

22C3:

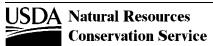


Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
22C3:														
Iredell	0-4			15-35	1.20-1.40	0.6-2	0.14-0.17	0.0-2.9	0.5-2.0	.32	.32	3	6	48
	4-31			40-60	1.20-1.45	0.06-0.2	0.16-0.22	9.0-25.0	0.0-0.5	.20	.20			
	31-60			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Roanoke														
Fluvanna														
Goldston														
23D:														
Louisburg	0-11			5-15	1.35-1.55	6-20	0.07-0.10	0.0-2.9	0.5-2.0	.24	.24	3	3	86
9	11-24			7-18	1.40-1.60	6-20	0.08-0.12	0.0-2.9	0.0-0.5	.24	.24			
	24-60			0-40	1.30-1.60	0.6-20	0.04-0.16	0.0-2.9	0.0-0.5	.05	.24			
Rock Outcrop	0-60					0.0000								0
Appling														
Helena														
Mattaponi														
25B:														
Mattaponi	0-15			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	4	3	86
•	15-60			33-60	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	60-69			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Woodington														
Appling														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct			•		•
25B:														
Uchee														
25C:														
Mattaponi	0-5			5-27	1.25-1.55	2-6	0.05-0.15	0.0-2.9	1.0-3.0	.28	.32	5	5	56
	5-42			35-65	1.45-1.70	0.2-0.6	0.05-0.11	3.0-5.9	0.0-0.5	.28	.32			
	42-60			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Appling														
Uchee														
26A:														
Orangeburg	0-16			4-10	1.35-1.55	2-6	0.06-0.09	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	16-57			18-35	1.60-1.75	0.6-2	0.11-0.14	0.0-2.9	0.0-0.5	.24	.24			
	57-71			15-45	1.60-1.75	0.6-2	0.11-0.14	0.0-2.9	0.0-0.5	.24	.24			
Dothan														
Mattaponi														
Uchee														
27A:														
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-65			35-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0-0.5	.24	.24			
Roanoke														
State														

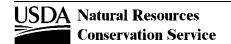
Map Symbol					Moist Bulk Density	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	rs Wind Erodi-	Wind Erodi
and Soil Name	Depth	Sand	Silt	Clay		(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bilit Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•			•	
28B3:														
Peawick	0-3			25-40	1.25-1.35	0.2-0.6	0.12-0.19	3.0-5.9	0.5-1.0	.37	.37	3	6	48
	3-65			35-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0-0.5	.24	.24			
Roanoke														
State														
28C3:														
Peawick	0-3			25-40	1.25-1.35	0.2-0.6	0.12-0.19	3.0-5.9	0.5-1.0	.37	.37	3	6	48
	3-65			35-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0-0.5	.24	.24			
Roanoke														
State														
29:														
Pits, quarry														
30A:														
Riverview	0-6			10-27	1.30-1.60	0.6-2	0.16-0.24	0.0-2.9	0.5-2.0	.32	.32	5	5	56
	6-38			18-35	1.20-1.40	0.6-2	0.15-0.22	0.0-2.9	0.5-1.0	.24	.24			
	38-81			4-18	1.20-1.50	2-6	0.07-0.11	0.0-2.9	0.5-1.0	.17	.17			
Roanoke														
Tarboro														
31A:														
Roanoke	0-5			10-27	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.5-2.0	.37	.37	4	5	56
	5-43			35-60	1.35-1.65	0.06-0.2	0.10-0.19	3.0-5.9	0.0-1.0	.24	.24			
	43-74			5-50	1.20-1.50	0.001-20	0.04-0.14	3.0-5.9	0.0-0.5	.24	.28			



Greensville County, Virginia

Map Symbol					Moist Bulk Density	Permeability (Ksat)	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi- bility Index
and Soil Name	Depth	Sand	Silt	Clay			Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•		·•	•	
31A:														
Altavista														
Appling														
State														
32A:														
Roanoke	0-16			10-27	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.5-3.0	.37	.37	4	8	0
	16-53			35-60	1.35-1.65	0.06-0.2	0.10-0.19	3.0-5.9	0.0-1.0	.24	.24			
	53-77			5-50	1.20-1.50	0.001-20	0.04-0.14	3.0-5.9	0.0-0.5	.24	.28			
Chenneby														
Altavista														
33A:														
Slagle	0-9			8-18	1.30-1.45	2-6	0.10-0.14	0.0-2.9	0.5-2.0	.28	.28	3	3	86
-	9-20			12-35	1.30-1.45	0.6-2	0.10-0.18	0.0-2.9	0.0-0.5	.24	.24			
	20-55			18-40	1.35-1.60	0.001-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.24	.24			
	55-66			5-32	1.35-1.50	0.2-6	0.08-0.15	0.0-2.9	0.0-0.5	.24	.24			
Woodington														
Mattaponi														
Uchee														

34A:



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•		•		
34A:														
State	0-20			2-8	1.35-1.45	2-6	0.06-0.09	0.0-2.9	0.5-1.0	.28	.28	5	2	134
	20-48			18-34	1.35-1.50	0.6-2	0.14-0.19	0.0-2.9	0.0-0.5	.28	.28			
	48-63			2-15	1.35-1.50	2-20	0.02-0.10	0.0-2.9	0.0-0.5	.17	.17			
Roanoke														
Altavista														
35A:														
Tarboro	0-32			3-12	1.60-1.75	6-20	0.05-0.09	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	32-72			2-7	1.60-1.75	20	0.02-0.06	0.0-2.9	0.0-0.5	.10	.10			
Wet Spots														
Altavista														
Riverview														
Wickham														
36B:														
Uchee	0-34			3-10	1.30-1.70	6-20	0.05-0.10	0.0-2.9	0.2-3.0	.10	.10	5	2	134
	34-52			8-30	1.40-1.60	0.6-2	0.10-0.15	0.0-2.9	0.0-0.5	.24	.24			
	52-66			25-50	1.40-1.60	0.2-0.6	0.10-0.16	3.0-5.9	0.0-0.5	.28	.28			
Craven														
Emporia														
Slagle														

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					•
37: Udorthents														
Roanoke														
Iredell														
Louisburg														
Mattaponi														
Rock Outcrop														
Tarboro														
38A:														
Wickham	0-8 8-76			8-15 18-35	1.45-1.65 1.30-1.50	2-6 0.6-2	0.11-0.16 0.12-0.17	0.0-2.9 0.0-2.9	0.5-2.0 0.0-0.5	.24 .24	.24 .24	5	3	86
Roanoke														
Altavista														
39A:														
Wickham	0-6			8-15	1.45-1.65	2-6	0.11-0.16	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	6-55 55-70			18-35 0-40	1.30-1.40 1.30-1.60	0.6-2 0.6-20	0.12-0.17 0.04-0.16	0.0-2.9 0.0-2.9	0.0-0.5 0.0-0.5	.24 .05	.24 .24			
Chenneby														
Altavista														

Map Symbol and Soil Name					Moist Bulk Density	Permeability (Ksat)	Available Water Capacity	Linear Extensi- bility	Organia	Eros	Erosion Factor		Wind Erodi-	Wind Erodi-
	Depth	Sand	Silt	Clay					Organic Matter	Kw	Kf	Т	bility Group	bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
39A:														
Tarboro														
40A:														
Woodington	0-17			5-18	1.45-1.65	2-6	0.10-0.15	0.0-2.9	2.0-4.0	.20	.20	5	3	86
	17-43			5-18	1.45-1.65	2-6	0.10-0.15	0.0-2.9	0.0-1.0	.20	.20			
	43-76			3-18	1.45-1.65	2-20	0.06-0.15	0.0-2.9	0.0-0.5	.10	.10			
Craven														
Slagle														
W:														
Water														